

This listing of claims will replace all prior versions and listings of the claims in the application:

In the Claims:

1. (Previously Presented) A mechanical seal for providing a fluid-tight seal between relatively rotatable elements comprising:

first and second seal faces for mounting in fixed rotational relationship with respective first and second relatively rotatable elements;

transmission means engaging said second seal face and extending axially therefrom in a direction away from said first seal face;

means for biasing said transmission means, and thereby said second seal face, towards said first seal face; and

drive means engaging said transmission means and for mounting in driving engagement with said second element, said drive means including at least one radially extending engagement portion which extends into an axially enclosed opening in said transmission means.

2. (Previously Presented) A mechanical seal according to claim 1 wherein said drive means comprises at least two radially extending engagement portions and said transmission means comprises at least two corresponding enclosed openings within which said engagement portions locate.

3. (Withdrawn) A mechanical seal according to claim 1 wherein the arrangement is such that rotational drive is transmitted from said drive means to said transmission means over a cross-sectional engagement area which is larger than the sum of the respective material thicknesses of said drive means and said transmission means.

4. (Previously Presented) A mechanical seal according to claim 1 wherein said drive means comprises at least two ~~said~~ engagement portions, at least one engagement

portion of said drive means being located in an enclosed opening of said transmission means, thereafter pivoting said drive means relative to the transmission means such that the outermost radial part of a second engagement portion of the drive means is an interference fit with the innermost radial part of the transmission means adjacent to the enclosed opening for accommodating the second engagement portion.

5. (Previously Presented) A mechanical seal according to claim 4 wherein an axial end of a second enclosed slot of the transmission means terminates within close proximity of an axial end of said transmission means to provide a thin section web which elastically deforms when presented to the interference fit of the second engagement portion of said drive means.

6. (Previously Presented) A mechanical seal according to claim 1 wherein said drive means and said transmission means are made of one or more thin materials.

7. (Previously Presented) A mechanical seal according to claim 4 wherein said drive means is made from relatively thick material and said drive means engagement portions are provided by a machined lug.

8. (Previously Presented) A mechanical seal assembly according to claim 1 wherein said transmission means is made from relatively thick material.

9. (Previously Presented) A mechanical seal according to claim 1 wherein said mechanical seal is in the form of a single component mechanical seal.

10. (Withdrawn) A mechanical seal according to claim 1 wherein said mechanical seal is in the form of a single cartridge mechanical seal.

11. (Canceled)

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12. (Canceled)